

**Tenneco Minerals**  
A Tenneco Company

P.O. Box 2650  
St. George, Utah 84770

*M/053/005 orig mine file  
cc W. Hedberg  
L. Bryerton  
1-11-91*

**RECEIVED**  
JAN 10 1991



January 10, 1991

Dianne R. Nielson, Ph.D., Division Director  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180

RE: Amendment for Tenneco Goldstrike's Existing NOI, Quail Canyon Dam

Dear Dr. Nielson:

Tenneco is proposing to construct a dam in Quail Canyon at its Goldstrike project. This dam would be outside of the area of disturbance originally approved by the DOGM in the 1988 NOI. We are therefore requesting an amendment to the existing NOI to allow construction of this dam and the access road to it.

The purpose of the dam will be to prevent any drainage from the upper reaches of Quail Canyon from entering the mining facilities below the dam. Tenneco has obtained approval from the Department of Natural Resources Division of Water Rights to construct the dam.

The bulk of the dam will be constructed from the run-of-mine waste rock placed in 10-foot lifts. The crest elevation will be at 5,290 feet. The upstream face will slope at 3:1, the downstream face will slope at 1½:1. Covering the upstream face, also at a 3:1 slope, will be a 20-foot thick layer of compacted clayey borrow material. The footprint of the dam will disturb approximately 1.6 acres. An access road will be constructed in the bottom of Quail Canyon which will be 50 feet wide and 1,100 feet long. Thus, the total disturbance will be approximately 2.9 acres. The access road and footprint of the dam are shown in yellow on the attached drawing.

The details regarding the baseline environment, environmental impacts, and reclamation of the dam and other facilities were submitted to the DOGM in a revised NOI dated October 5, 1990. We intend to satisfy any technical issues related to the dam and provide adequate revised reclamation surety prior to your approval of same.

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We would like to begin construction on the access road and dam on January 15, 1991. Please feel free to contact me, or our consultants at JBR Consultants Group if you have any questions regarding this matter.

Sincerely,

*Ken Kluksdahl / gwz*

Ken Kluksdahl  
Mine Manager

Attachment

cc: E. Lips/JBR  
D. Brannum/Tenneco



